

IN THE CLAIMS

1-9. (canceled)

10. (currently amended) An electronic device adapted to be detachably mounted to main equipment for providing optional data to the main equipment and permitting optional functions to be executed, the electronic device comprising:

a data memory unit;

software data stored in the data memory unit, the software data including a plurality of portions each containing driver data for permitting execution of a respective one of a plurality of separately selectable functions in accordance with a computer operating environment of a main equipment selected from a plurality of main equipments, each main equipment being operable in accordance with a respective one of a plurality of different computer operating environments;

an interface unit in form of a memory card interface for transfer of data from the electronic device to the selected main equipment and from the selected main equipment to the electronic device; and

an output unit operable, upon mounting the electronic device to the selected main equipment and selecting one of said plurality of functions, to output one of said portions of the software data containing said driver data for said selected function and corresponding to said respective computer operating environment from the data memory unit to the selected main equipment through said interface unit for installation of said driver data in the selected main equipment to permit said selected function to be executed using the electronic device while the electronic device is mounted to the selected main equipment.

11. (previously presented) The electronic device as claimed in claim 10, wherein the software data are stored in the data memory unit using a file format.

12. (previously presented) The electronic device as defined in claim 10, wherein storage addresses corresponding to keywords identifying the plurality of functions are stored at leaders of address spaces in the data memory unit, and the portions are stored at the storage addresses corresponding to the keywords.

13. (currently amended) An electronic apparatus, comprising:

a main apparatus ~~having a specific~~ selected from a plurality of main apparatuses, each main apparatus being operable in accordance with a respective one of a plurality of different computer operating environments; and

an electronic device detachably mounted to the selected main apparatus for exchanging optional data with the selected main apparatus, the electronic device including a data memory unit, and software data stored in the data memory unit, the software data including a plurality of portions each containing driver data for permitting execution of a respective one of a plurality of separately selectable functions in accordance with the computer operating environment of the selected main apparatus when the electronic device is mounted to the selected main apparatus, an interface unit in form of a memory card interface unit for transfer of data from the electronic device to the selected main ~~equipment~~ apparatus and from the selected main ~~equipment~~ apparatus to the electronic device, the selected main apparatus including an identification unit operable to identify the portions stored in the data memory unit of the electronic device, and to obtain the portion corresponding to the selected function and corresponding to the respective computer operating environment from the electronic device through the interface unit upon selecting a respective one of the plurality of functions and install the obtained portion on the selected main apparatus, such that the selected

function can be executed using the electronic apparatus device while the electronic device is mounted to the selected main apparatus.

14. (previously presented) The electronic apparatus as claimed in claim 13, wherein the software data are stored in the data memory using a file format, and the identification unit is operable to identify the portion corresponding to the selected function using the file format.

15. (previously presented) The electronic apparatus as claimed in claim 14, wherein storage addresses corresponding to keywords identifying the plurality of portions are stored at leaders of address spaces in the data memory unit, the portions being stored at the storage addresses corresponding to the keywords, and the identification unit is operable to identify the portion corresponding to the selected function on the basis of the keywords.

16. (currently amended) A method of obtaining driver software data by a main apparatus from an electronic device detachably mounted thereto, the main apparatus selected from a plurality of main apparatuses, each main apparatus being operable in accordance with a respective one of a plurality of different computer operating environments, to enable an optional function to be executed while the electronic device is mounted to the selected main apparatus, the method comprising:

storing driver software data in the electronic device, the driver software data including a plurality of portions, each portion for enabling execution of a respective one of a plurality of separately selectable functions in accordance with the respective computer operating environment of the selected main apparatus when the electronic device is mounted to the selected main apparatus;

selecting one function from the plurality of separately selectable functions;

identifying the portion of the software data corresponding to the selected function;

transferring the identified portion of the software data from the electronic device to the selected main apparatus through an interface unit having a form of a memory card interface; and

installing the identified portion of the software data on the selected main apparatus to enable execution of the selected function using the electronic device while the electronic device is mounted to the selected main apparatus.

17. (previously presented) The method of obtaining driver software data as claimed in claim 16, wherein the step of storing includes storing the driver software data in the electronic device using a file format, and the step of transferring transfers the identified portion of the driver software data based on the file format.

18. (previously presented) The method of obtaining driver software data as claimed in claim 16, wherein the step of storing includes storing storage addresses corresponding to keywords identifying the plurality of portions of driver software data at leaders of address spaces in the electronic device, and storing the portions of the driver software data at the storage addresses corresponding to the keywords, and the step of identifying includes identifying the portion of the driver software data corresponding to the selected function on the basis of the keywords.

19. (previously presented) The electronic device as claimed in claim 10, wherein said plurality of functions includes at least one function which is not a memory function.

20. (previously presented) The electronic apparatus as claimed in claim 13, wherein said plurality of functions includes at least one function which is not a memory function.

21. (currently amended) The ~~electronic~~ apparatus

method of obtaining driver software data as claimed in claim 16,
wherein said plurality of functions includes at least one
function which is not a memory function.